

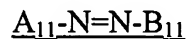
**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

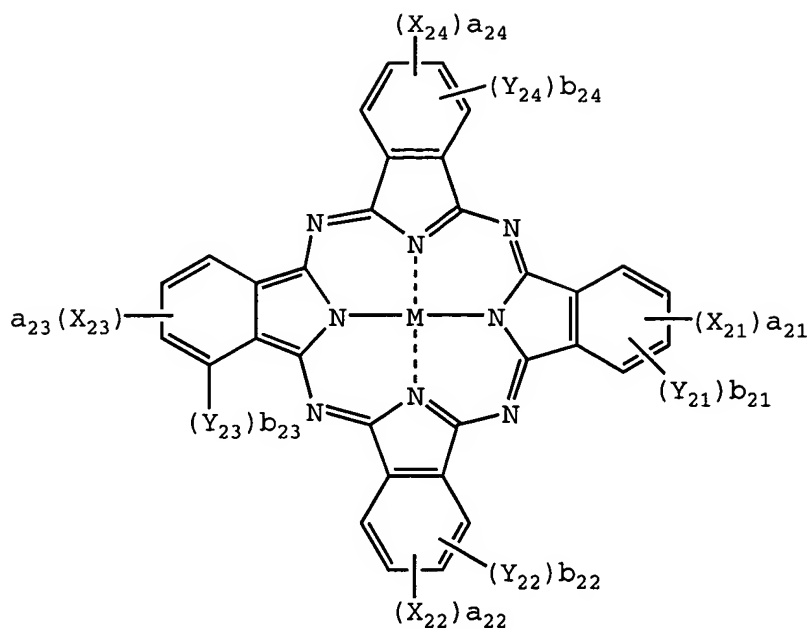
1. (currently amended): An ink set comprising inks, each of the inks being A~~An ink~~ obtained by dissolving at least one dye of an azo dye having a heterocyclic group or a phthalocyanine dye in an aqueous medium, wherein the dyes contained in said ink have a solubility of 15 g or more in 100 g of water at 25°C under atmospheric pressure, and  
said azo dye or phthalocyanine dye is represented by the following formula (1), (2), (3) or  
(4):

Formula (1):



wherein A<sub>11</sub> and B<sub>11</sub> each independently represents a heterocyclic group which may be substituted;

Formula (2):

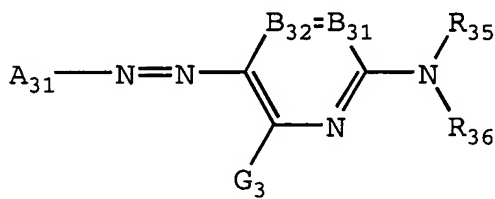


wherein  $X_{21}$ ,  $X_{22}$ ,  $X_{23}$  and  $X_{24}$  each independently represents  $-SO-Z_2$ ,  $-SO_2-Z_2$ ,  $-SO_2NR_{21}R_{22}$ , a sulfo group,  $-CONR_{21}R_{22}$  or  $-COOR_{21}$ ,  
each  $Z_2$  independently represents a substituted or unsubstituted alkyl group, a substituted or unsubstituted cycloalkyl group, a substituted or unsubstituted alkenyl group, a substituted or unsubstituted aralkyl group, a substituted or unsubstituted aryl group or a substituted or unsubstituted heterocyclic group,  
 $R_{21}$  and  $R_{22}$  each independently represents a hydrogen atom, a substituted or unsubstituted alkyl group, a substituted or unsubstituted cycloalkyl group, a substituted or unsubstituted alkenyl group, a substituted or unsubstituted aralkyl group, a substituted or unsubstituted aryl group or a substituted or unsubstituted heterocyclic group,  
 $Y_{21}$ ,  $Y_{22}$ ,  $Y_{23}$  and  $Y_{24}$  each independently represents a monovalent substituent,

a<sub>21</sub> to a<sub>24</sub> and b<sub>21</sub> to b<sub>24</sub> represent the number of substituents X<sub>21</sub> to X<sub>24</sub> and Y<sub>21</sub> to Y<sub>24</sub>, respectively, a<sub>21</sub> to a<sub>24</sub> each independently represents a number of 0 or an integer of 1 to 4 but all are not 0 at the same time, and b<sub>21</sub> to b<sub>24</sub> each independently represents a number of 0 or an integer 1 to 4, provided that when a<sub>21</sub> to a<sub>24</sub> and b<sub>21</sub> to b<sub>24</sub> each represents a number of 2 or more, the plurality of X<sub>21</sub>s, X<sub>22</sub>s, X<sub>23</sub>s, X<sub>24</sub>s, Y<sub>21</sub>s, Y<sub>22</sub>s, Y<sub>23</sub>s or Y<sub>24</sub>s may be the same or different, and

M represents a hydrogen atom, a metal atom or an oxide, hydroxide or halide thereof;

Formula (3):



wherein A<sub>31</sub> represents a 5-membered heterocyclic group,

B<sub>31</sub> and B<sub>32</sub> each represents =CR<sub>31</sub>- or -CR<sub>32</sub>= or either one of B<sub>31</sub> and B<sub>32</sub> represents a nitrogen atom and the other represents =CR<sub>31</sub>- or -CR<sub>32</sub>=,

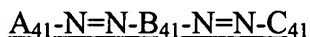
R<sub>35</sub> and R<sub>36</sub> each independently represents a hydrogen atom, an aliphatic group, an aromatic group, a heterocyclic group, an acyl group, an alkoxycarbonyl group, an aryloxy carbonyl group, a carbamoyl group, an alkylsulfonyl group, an arylsulfonyl group or a sulfamoyl group, and each group may further have a substituent,

G<sub>3</sub>, R<sub>31</sub> and R<sub>32</sub> each independently represents a hydrogen atom, a halogen atom, an aliphatic group, an aromatic group, a heterocyclic group, a cyano group, a carboxyl group, a carbamoyl group, an alkoxycarbonyl group, an aryloxy carbonyl group, a heterocyclic oxycarbonyl group, an acyl group, a hydroxy group, an alkoxy group, an aryloxy group, a heterocyclic oxy group, a

silyloxy group, an acyloxy group, a carbamoyloxy group, an alkoxycarbonyloxy group, an aryloxy carbonyloxy group, an amino group (including an arylamino group and a heterocyclic amino group), an acylamino group, a ureido group, a sulfamoylamino group, an alkoxycarbonylamino group, an aryloxy carbonylamino group, an alkylsulfonylamino group, an arylsulfonylamino group, a heterocyclic sulfonylamino group, a nitro group, an alkylthio group, an arylthio group, an alkylsulfonyl group, an arylsulfonyl group, a heterocyclic sulfonyl group, an alkylsulfinyl group, an arylsulfinyl group, a heterocyclic sulfinyl group, a sulfamoyl group, a sulfo group or a heterocyclic thio group, and each group may be further substituted, and

R<sub>31</sub> and R<sub>35</sub>, or R<sub>35</sub> and R<sub>36</sub> may combine to form a 5- or 6-membered ring;

Formula (4):

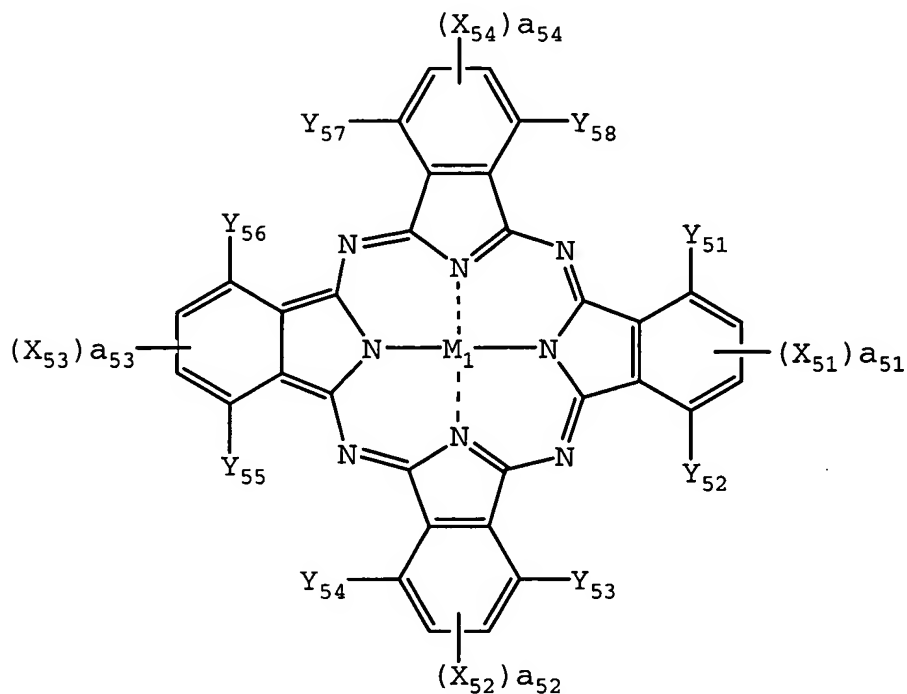


wherein A<sub>41</sub>, B<sub>41</sub> and C<sub>41</sub> each independently represents an aromatic group which may be substituted, or a heterocyclic group which may be substituted.

2. (currently amended): The ink set as claimed in claim 1, wherein the oxidation potential of at least one dye of an azo dye or a phthalocyanine dye in each of the inks in the ink set is more positive than 1.0 V (vs SCE).

Claims 3-6. (canceled).

7. (new): The ink set as claimed in claim 1, wherein the phthalocyanine dye represented by formula (2) is a phthalocyanine dye having a structure represented by formula (5):



wherein  $X_{51}$  to  $X_{54}$ ,  $Y_{51}$  to  $Y_{58}$  and  $M_1$  have the same meanings as  $X_{21}$  to  $X_{24}$ ,  $Y_{21}$  to  $Y_{24}$  and  $M$  in formula (2), respectively, and  $a_{51}$  to  $a_{54}$  each independently represents an integer of 1 or 2.